

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REVOCATION AND APPOINTMENT OF POWER OF ATTORNEY**

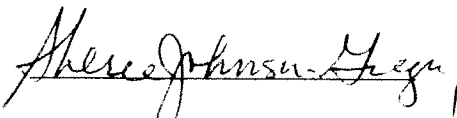
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned Educational Testing Service, who is the assignee of the entire right, title, and interest of all patent applications identified in schedule A attached hereto, having its principal place of business at 666 Rosedale Road, Princeton, New Jersey 08541, hereby revokes any and all Powers of Attorney heretofore granted in connection with the patent applications identified in Schedule A attached hereto, and appoints Joseph Melnik (48,741), Jamison Lynch (41,168), Victoria Friedman (58,853), Joseph Mahoney (38,956), Lawrence Pope (26,791), Vera Nackovic (59,388), Clifford Maier (59,526), Michael Molano (39,777), Deborah Schavey Ruff (33,770), and William Healey (36, 160), all of the firm Mayer, Brown, Row, and Maw LLP, and all of the other attorneys associated with customer no. 26565, located at 71 S. Wacker Drive, Chicago, Illinois 60616, as its attorneys, with full power of substitution and revocation, to prosecute each matter, to transact all business in the Patent and Trademark Office in connection therewith, to receive all documents from the Patent and Trademark Office.

Pursuant to 37 C.F.R. 3.73(b), the undersigned establishes that Educational Testing Service is the assignee for the patent applications identified in Schedule A, as evidenced by the assignment records of the Office located at the corresponding reel/frame numbers in Schedule A. Evidence of any unrecorded assignments are also concurrently being submitted in another document for recordation pursuant to § 3.11.

Further, the undersigned, who is authorized to sign and execute documents for Educational Testing Service, requests that all correspondence from the Patent and Trademark Office concerning these issued patents and patent applications be addressed to the address associated with customer number 26565.

By: 
Name: Sheree Johnson-Gregory
Title: Associate General Counsel
Date: 9-04-2007

SCHEDULE A

| TITLE | APPLICATION. NO. | PUBLICATION/ PATENT NUMBER | REEL/ FRAME |
|---|---------------------|----------------------------------|--------------------|
| Method and System For Calibrating Evidence Models | 11/170649 | 2006-0003303 | <u>016717/0325</u> |
| Method For Estimating Examinee Attribute Parameters in Cognitive Diagnosis Models | 10/924069 | 2006-0040247 | <u>015831/0907</u> |
| Method For Estimating Examinee Attribute Parameters in a Cognitive Diagnosis Model | 11/100364 | 2005-0222799 | <u>015927/0929</u> |
| A Tree-Based Approach to Proficiency Scaling and Diagnostic Assessment | 09/629374 | 6,484,010 | <u>011121/0222</u> |
| Apparatus and Method For Close-Elide Testing | 06/587356 | 4,547,161 | <u>004274/0680</u> |
| System and Method For Computer-Based Automatic Essay Scoring | 09/120427 | 6,181,909 | <u>009736/0177</u> |
| System and Method For Computer-Based Automatic Essay Scoring | 09/693210 | 6,366,759 | <u>012144/0265</u> |
| System & Method For Computer Based Test Creation | 08/826417 | 6,259,890 | <u>011743/0296</u> |
| System & Method For Computer Based Test Creation | 09/777836 | 6,442,370 | <u>012204/0010</u> |
| Test Discrimination And Test Construction For Cognitive Diagnosis | 11/202764 | 2006-0035207 | <u>016693/0286</u> |
| Computerized System For Scoring Constructed Responses And Methods For Training, Monitoring, And Evaluating Human Rater's Scoring Of Constructed Responses | 09/045621 | 5,991,595 | <u>009244/0542</u> |
| Method And System For Receiving Responses Utilizing Digital Pen And Paper | 10/847268 | 2004-0259067 | <u>015085/0278</u> |
| Image Digitizer W/Page Number Detector & Recorder | 08/789700 | 5,869,789 | <u>009462/0719</u> |
| Optical Document Scanning And Mark Sensing | 07/385382 | 5,004,896 | <u>005138/0558</u> |
| Methods And Systems For Presentation And Evaluation Of Constructed Responses Assessed By Human Evaluators | 09/916810 | 6,526,258 | <u>012094/0471</u> |
| Centralized System And Method For Administering Computer Based Tests | 08/415757 | 5,513,994 | <u>007673/0253</u> |
| System And Method For Computer | 09/020755 | 6,000,945 | <u>009776/0353</u> |

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| Based Test Assembly | | | |
| System And Method For Computer Based Creation Of Tests Formatted To Facilitate Computer Based Testing | 10/123819 | 2002-0182579 | <u>013605/0228</u> |
| System And Method For Computer Based Creation Of Tests Formatted To Facilitate Computer Based Testing | 10/856908 | 2005-0250087 | <u>015405/0311</u> |
| Method And System For Controlling Item Exposure In Computer Based Testing | 08/629365 | 5,841,655 | <u>007946/0287</u> |
| Machine-Interpretable Figural Response Testing | 07/382716 | 5,011,413 | <u>005161/0213</u> |
| Machine-Interpretable Figural Response Testing | 07/691396 | 5,211,564 | <u>005719/0046</u> |
| A Tree-Based Approach To Proficiency Scaling And Diagnostic Assessment | 09/215685 | 6,144,838 | <u>010858/0585</u> |
| Consolidated Online Assessment System | 10/098636 | 2003-0175677 | <u>013025/0470</u> |
| System And Method For Interactive Scoring Of Standardized Test Responses | 08/828247 | 6,115,683 | <u>009121/0074</u> |
| System And Method For Interactive Scoring Of Standardized Test Responses | 08/870182 | 6,120,299 | <u>009092/0505</u> |
| System And Method For Interactive Scoring Of Standardized Test Responses | 09/489210 | 6,234,806 | <u>010607/0735</u> |
| System And Method For Computer Based Testing | 08/082058 | 5,565,316 | <u>006650/0126</u> |
| System And Method For Computer Based Testing | 08/485628 | 5,827,070 | <u>009044/0882</u> |
| Method And System For Generating And Processing An Assessment Examination | 10/951068 | 2005-0255439 | <u>015852/0132</u> |
| System And Method For Automated Testing Of Writing Skill | 09/290900 | 6,254,395 | <u>009992/0527</u> |
| Methods For Automated Essay Analysis | 10/948417 | 2005-0042592 | <u>15830/0918</u> |
| Consolidated Online Assessment System | 10/948985 | 7,162,198 | <u>015830/0430</u> |
| A New Lexical Association Metric For Knowledge-Free Extraction Of Phrasal Terms | 11/100362 | 2005-0222837 | <u>016222/0336</u> |
| Method And System For Text Retrieval For Computer-Assisted Item Creation | 11/328962 | 2006-0155528 | <u>017446/0472</u> |
| Method And System For Assessing | 11/328651 | 2006-0155538 | <u>017461/0007</u> |

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| Pronunciation Difficulties Of Non-Native Speakers | | | |
| Method And System For Detecting Off-Topic Essays Without Topic-Specific Training | 11/347060 | 2006-0172276 | <u>017579/0383</u> |
| Model Scaling For An Automated Essay Scoring System | 11/364165 | 2006-0194183 | <u>017632/0474</u> |
| Method And System For Automated Item Development For Language Learners | 11/358795 | 2006-0190242 | <u>017609/0839</u> |
| Designing Adaptive, Diagnostic Math Assessments For Sighted And Visually Impaired Students | 11/359232 | 2006-0286533 | <u>018060/0024</u> |
| Automated Essay Scoring | 11/460413 | 2006-0286540 | <u>018295/0377</u> |
| Online Essay Evaluation System | 09/045622 | 5,987,302 | <u>009248/0197</u> |
| Consolidated Online Assessment System | 11/617782 | 2007-0105084 | <u>018698/0261</u> |
| System and Method For Computer Based Creation of Tests Formatted to Facilitate Computer Based Testing | 10/967642 | 2005-0153269 | <u>015826/0292</u> |
| Methods and Systems For Presentation and Evaluation of Constructed Responses Assessed By Human Evaluators | 09/381545 | 6,295,439 | <u>010569/0264</u> |
| Image Processing System | 07/287483 | 5,001,769 | <u>005007/0468</u> |
| Method And System For The Automatic Generation Of Speech Features For Scoring High Entropy Speech | 10/945150 | 2006-0074655 | <u>015775/0692</u> |
| Establishing Text Coherence Using Discourse Chunking And Sentence Similarity | 10/974133 | 2005-0143971 | <u>015753/0150</u> |
| Computer-Based Simulation Examination of Architectural Practice | 08/811890 | 6,056,556 | <u>010373/0893</u> |
| Automated Test Item Generation System & Method | 10/822426 | 2004-0253569 | <u>015166/0142</u> |
| Computer-Based Method & System For Linking Records in Data Files | 09/345825 | 6,658,412 | <u>010326/0556</u> |
| Portal Assessment Design System For Educational Testing | 10/677186 | 2004-0076930 | <u>014676/0319</u> |
| Systems And Methods For Testing Over A Distributed Network | 10/712938 | 2004-0221013 | <u>014706/0764</u> |
| Method And System For Computer-Assisted Test Construction Performing Specification Matching During Test Item Selection | 10/731776 | 2005-0125196 | <u>015143/0076</u> |

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| Systems And Methods For Computer-Based Testing Using Network-Based Synchronization Of Information | 09/901797 | 2002-0028430 | <u>012190/0786</u> |
| Automated Essay Scoring System | 10/974530 | 2005-0142529 | <u>015761/0294</u> |
| Accessibility Of Tests Within A Validity Framework | 11/054019 | 7,217,134 | <u>015858/0172</u> |
| Interactive Group Communication System | 07/694650 | 5,263,869 | <u>013852/0499</u> |
| Method And System For Online Teaching Using Web Pages | 09/760267 | 6,898,411 | <u>013495/0747</u> |
| Automated Essay Scoring | 10/319623 | 7,088,949 | <u>014112/0206</u> |
| Methods For Automated Essay Analysis | 10/176534 | 7,127,208 | <u>015774/0955</u> |
| Methods For Conducting Server-Side Encryption/Decryption-On-Demand | 10/626103 | 2004-0181668 | <u>015842/0043</u> |
| Systems And Methods For Computer-Based Testing Using Network-Based Synchronization Of Information | 10/611724 | 2004-0106088 | <u>014807/0852</u> |
| Method And System For Computer-Assisted Test Construction Performing Specification Matching During Test Item Selection | 11/299363 | 7,165,012 | <u>017320/0412</u> |
| Optical Scanner Threshold Setting Method And Sheet | 07/616134 | 5,194,966 | <u>005516/0587</u> |
| System And Method For Picture Image Processing Employing Transformation Of Picture Data | 08/230882 | 5,434,931 | <u>007271/0101</u> |
| Method And System For Evaluating Vocabulary | 11/379488 | 2006-0240390 | <u>017503/0133</u> |
| Method And System For Interactive Computer Science Testing, Analysis And Feedback | 07/807008 | 5,259,766 | <u>006163/0409</u> |
| Methods For Automated Essay Analysis | 10/052380 | 6,796,800 | <u>012689/0879</u> |
| Remote Teaching System | 08/112103 | 5,437,555 | <u>013852/0495</u> |
| Method And Apparatus For Online Teaching And Learning | 09/250687 | 6,302,698 | <u>013852/0497</u> |
| Latent Property Diagnosing Procedure | 09/838129 | 6,832,069 | <u>013518/0193</u> |
| Free Response Test Grading Method | 07/362262 | 4,978,305 | <u>005087/0848</u> |
| Computerized Method And System For Teaching Prose, Document And Quantitative Literacy | 08/190349 | 5,893,717 | <u>007066/0703</u> |
| System And Method For Evaluating Applicants | 10/244072 | 2004-0053203 | <u>013588/0789</u> |
| System For Rating Constructed Responses Based On Concepts And A | 10/125440 | 2003-0200077 | <u>012845/0849</u> |

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| Model Answer | | | |
| Method And System For Receiving And Analyzing An Electronic Personal Statement | 10/830670 | 2005-0240455 | <u>015261/0728</u> |
| Automated Annotation | 11/465896 | 2007-0077542 | <u>018151/0035</u> |
| Remote Computer Capabilities Querying and Certification | 09/781248 | 7,092,987 | <u>012253/0752</u> |
| Latent Property Diagnosing Procedure | 10/970795 | 2005-0123893 | <u>013518/0193</u> |
| Method and System For Online Teaching Using Web Pages | 11/102994 | 2005-0233296 | <u>013495/0747</u> |
| Computerized Mastery Testing System, a Computer Administered Variable Length Sequential Testing System For Making Pass/Fail Decisions | 07/428383 | 5,059,127 | <u>005728/0184</u> |
| Method & Apparatus For Administration of Computerized Adaptive Tests | 08/249662 | 5,657,256 | <u>6139/ 0785-0787</u> |
| Equation Editor | 10/775301 | 2004-0157203 | <u>014984/0101</u> |
| Cooccurrence and Constructions | 10/915881 | 2005-0049867 | <u>015407/0877</u> |
| System and Method For Parallel Conversion, Compilation, and Distribution of Content | 10/627381 | 2005-0021859 | <u>014346/0896</u> |
| Method and System For Performing Image Mark Recognition | 10/760850 | 2005-0157930 | <u>019693/0208</u> |
| Automated Evaluation of Overly Repetitive Word Use In an Essay | 10/713863 | 2004-0194036 | <u>014711/0653</u> |
| Portal Assessment Design System For Educational Testing | 10/913777 | 2005-0170325 | <u>015718/0898</u> |
| Method & System For the Automatic Generation of Speech Features For Scoring High Entropy Speech | 11/678508 | | <u>015775/0692</u> |